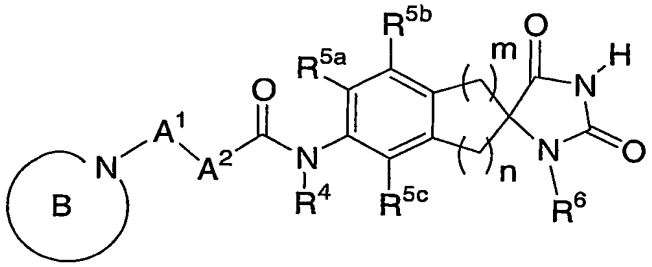
WHAT IS CLAIMED IS:

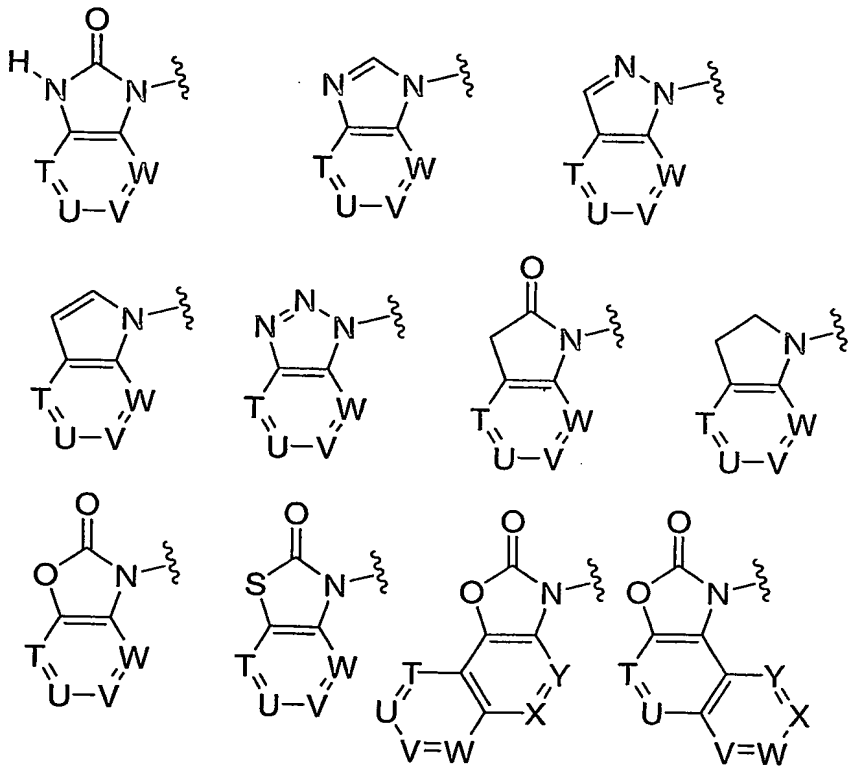
1. A compound of the formula I:



I

wherein:

B is a bicycloheterocycle selected from the group consisting of:



where T, U, V, W, X and Y are each independently a carbon atom or a nitrogen atom wherein no more than two of T, U, V and W, and no more than three of T, U, V, W, X and Y, are a nitrogen atom,

where B is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from R^1, R^2, R^{3a} and R^{3b}, wherein
R^1, R^2, R^{3a} and R^{3b} are independently selected from:

(1) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:
  (a) halo,
  (b) hydroxy,
  (c) -O-C_{1-6}alkyl,
  (d) -C_{3-6}cycloalkyl,
  (e) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl, piperidinyl, piperazinyl, pyrrolidinyl, thienyl, or morpholinyl,
  which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
    (i) -C_{1-6}alkyl,
    (ii) -O-C_{1-6}alkyl,
    (iii) halo,
    (iv) hydroxy,
    (v) trifluoromethyl, and
    (vi) -OCF_3,
  (f) -CO_2R^9, wherein R^9 is independently selected from:
    (i) hydrogen,
    (ii) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro,
    (iii) -C_{3-6}cycloalkyl,
    (iv) benzyl, and
    (v) phenyl,
  (g) -$NR^{10}R^{11}$, wherein R^{10} and R^{11} are independently selected from:
    (i) hydrogen,
    (ii) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro,
    (iii) -C_{5-6}cycloalkyl,
    (iv) benzyl,
    (v) phenyl,
    (vi) -COR^9, and

(vii) $-SO_2R^{12}$,

(h) $-SO_2R^{12}$, wherein R^{12} is independently selected from:

(i) $-C_{1-6}$alkyl, which is unsubstituted or substituted with 1-6 fluoro,

(ii) $-C_{5-6}$cycloalkyl,

(iii) benzyl, and

(iv) phenyl,

(i) $-CONR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:

(i) hydrogen,

(ii) $-C_{1-6}$alkyl, which is unsubstituted or substituted with 1-6 fluoro,

(iii) $-C_{5-6}$cycloalkyl,

(iv) benzyl,

(v) phenyl,

or where R^{10a} and R^{11a} may be joined together to form a ring selected from azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, or morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(I) $-C_{1-6}$alkyl

(II) $-O-C_{1-6}$alkyl

(III) halo

(IV) hydroxy

(V) phenyl, and

(VI) benzyl,

(j) trifluoromethyl,

(k) $-OCO_2R^9$,

(l) $-(NR^{10a})CO_2R^9$,

(m) $-O(CO)NR^{10a}R^{11a}$,

(n) $-(NR^9)(CO)NR^{10a}R^{11a}$, and

(o) $-O-C_{3-6}$cycloalkyl,

(2) $-C_{3-6}$cycloalkyl, which is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:

(a) halo,

(b) hydroxy,

(c) $-O-C_{1-6}$alkyl,

(d) trifluoromethyl,

(e) phenyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(i) -C_{1-6}alkyl,

(ii) -O-C_{1-6}alkyl,

(iii) halo,

(iv) hydroxy, and

(v) trifluoromethyl,

(3) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, pyridazinyl, pyrrolidinyl, azetidinyl, thiazolyl, isothiazolyl, oxazolyl, isoxazolyl, imidazolyl, triazolyl, tetrazolyl, azepinyl, benzimidazolyl, benzopyranyl, benzofuryl, benzothiazolyl, benzoxazolyl, chromanyl, furyl, imidazolinyl, indolinyl, indolyl, quinolinyl, isoquinolinyl, tetrahydroquinolinyl, isoindolinyl, tetrahydroisoquinolinyl, 2-oxopiperazinyl, 2-oxopiperidinyl, 2-oxopyrrolidinyl, pyrazolidinyl, pyrazolyl, pyrrolyl, quinazolinyl, tetrahydrofuryl, thiazolinyl, purinyl, naphthyridinyl, quinoxalinyl, 1,3-dioxolanyl, oxadiazolyl, piperidinyl, tetrahydropyranyl, tetrahydrothienyl, tetrahydrothiopyranyl, and morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro,

(b) halo,

(c) hydroxy,

(d) -O-C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro,

(e) -C_{3-6}cycloalkyl,

(f) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, or morpholinyl,
which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(i) -C_{1-6}alkyl,

(ii) -O-C_{1-6}alkyl,

(iii) halo,

(iv) hydroxy, and

(v) trifluoromethyl,

(g) -CO_2R^9,

(h) -(CO)R^9,
(i) -$NR^{10}R^{11}$,
(j) -$CONR^{10}R^{11}$,
(k) oxo
(l) -SR^{12},
(m) -S(O)R^{12}, and
(n) -SO_2R^{12},

(4) halo,
(5) oxo,
(6) hydroxy,
(7) -O-C_{1-6}alkyl, which is unsubstituted or substituted with 1-5 halo,
(8) -CN,
(9) -CO_2R^9,
(10) -$NR^{10}R^{11}$,
(11) -SO_2R^{12},
(12) -$CONR^{10a}R^{11a}$,
(13) -OCO_2R^9,
(14) -$(NR^{10a})CO_2R^9$,
(15) -$O(CO)NR^{10a}R^{11a}$,
(16) -$(NR^9)(CO)NR^{10a}R^{11a}$,
(17) -(CO)-$(CO)NR^{10a}R^{11a}$, and
(18) -(CO)-(CO)OR^9;

or where R^{3a} and R^{3b} and the carbon atom(s) to which they are attached may be joined together to form a ring selected from cyclobutyl, cyclopentyl, cyclohexyl, cyclopentenyl, cyclohexenyl, azetidinyl, pyrrolidinyl, piperidinyl, tetrahydrofuranyl, tetrahydropyranyl, furanyl, dihydrofuranyl, dihydropyranyl, thienyl, dihydrothienyl, tetrahydrothienyl, dihydrothiopyranyl, tetrahydrothiopyranyl or piperazinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:
(i) halo,
(ii) hydroxy,
(iii) -O-C_{1-6}alkyl,

(iv) -C_{3-6}cycloalkyl,

(v) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl, piperidinyl, piperazinyl, pyrrolidinyl, thienyl, or morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(I) -C_{1-6}alkyl,

(II) -O-C_{1-6}alkyl,

(III) halo,

(IV) hydroxy,

(V) trifluoromethyl, and

(VI) -OCF_3,

(vi) -CO_2R^9,

(vii) -$NR^{10}R^{11}$,

(viii) -SO_2R^{12},

(ix) -$CONR^{10a}R^{11a}$, and

(x) -$(NR^{10a})CO_2R^9$,

(b) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, pyridazinyl, pyrrolidinyl, azetidinyl, piperidinyl and morpholinyl, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:

(i) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro,

(ii) halo,

(iii) hydroxy,

(iv) -O-C_{1-6}alkyl, which is unsubstituted or substituted with 1-6 fluoro, and

(v) -C_{3-6}cycloalkyl,

(c) halo,

(d) -SO_2R^{12},

(e) hydroxy,

(f) -O-C_{1-6}alkyl, which is unsubstituted or substituted with 1-5 halo,

(g) -CN,

(h) -COR^{12},

(i) -$NR^{10}R^{11}$,

(j) -CONR^{10a}R^{11a},
(k) -CO$_2$R^9,
(l) -(NR^{10a})CO$_2$R^9,
(m) -O(CO)NR^{10a}R^{11a},
(n) -(NR^9)(CO)NR^{10a}R^{11a}, and
(o) oxo;

A^1 and A^2 are independently selected from:
(1) a bond,
(2) -CR^{13}R^{14}-, wherein R^{13} and R^{14} are independently selected from:
(a) hydrogen,
(b) C$_{1-6}$ alkyl, which is unsubstituted or substituted with 1-6 fluoro, and
(c) hydroxy,
or wherein one of A^1 and A^2 is absent;

R^4 is selected from:
(1) hydrogen,
(2) C$_{1-6}$ alkyl, which is unsubstituted or substituted with 1-6 fluoro,
(3) C$_{5-6}$ cycloalkyl,
(4) benzyl , and
(5) phenyl;

R^{5a}, R^{5b} and R^{5c} are independently selected from:
(1) hydrogen,
(2) C$_{1-6}$ alkyl,
(3) -O-C$_{1-6}$alkyl,
(4) -OCF$_3$,
(5) trifluoromethyl,
(6) halo,
(7) hydroxy, and
(8) -CN;

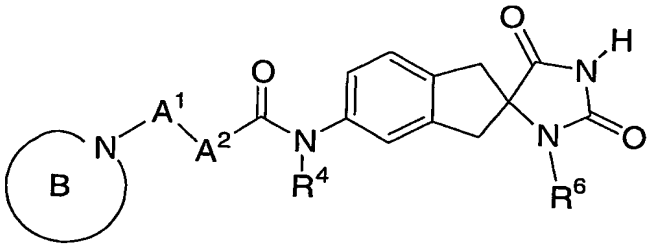
R^6 is selected from:
(1) hydrogen,

(2) -C_{1-6}alkyl or -C_{3-6}cycloalkyl which are unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:
  (a) halo,
  (b) hydroxy,
  (c) -O-C_{1-6}alkyl,
  (d) -C_{3-6}cycloalkyl,
  (e) phenyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
    (i) -C_{1-6}alkyl,
    (ii) -O-C_{1-6}alkyl,
    (iii) halo,
    (iv) hydroxy, and
    (v) trifluoromethyl,
  (f) -CO_2R^9,
  (g) -$NR^{10}R^{11}$,
  (h) -$CONR^{10}R^{11}$,
  (i) -SO_2R^{12}, and
  (j) trifluoromethyl

(3) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, or morpholinyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
  (a) -C_{1-6}alkyl,
  (b) -O-C_{1-6}alkyl,
  (c) halo,
  (d) hydroxy, and
  (e) trifluoromethyl;

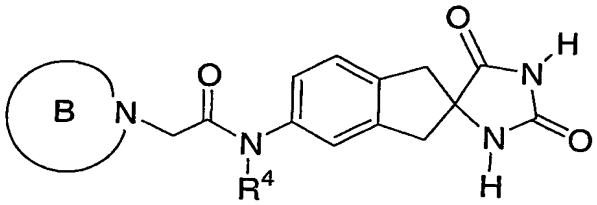
m is 1 or 2;
n is 1 or 2;
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

2. The compound of Claim 1 of the formula:



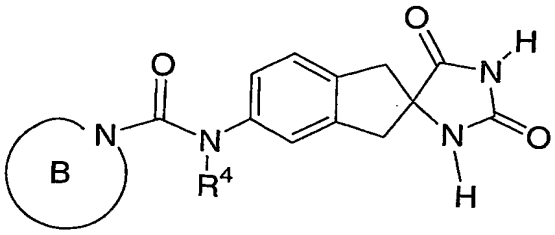
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

3. The compound of Claim 1 of the formula:



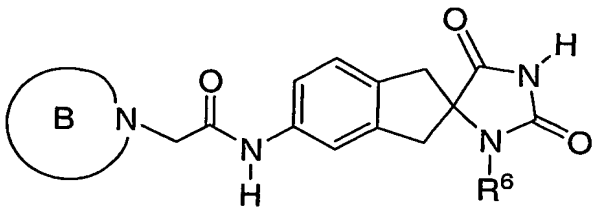
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

4. The compound of Claim 1 of the formula:



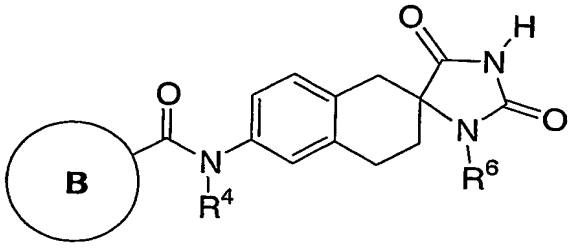
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

5. The compound of Claim 1 of the formula:



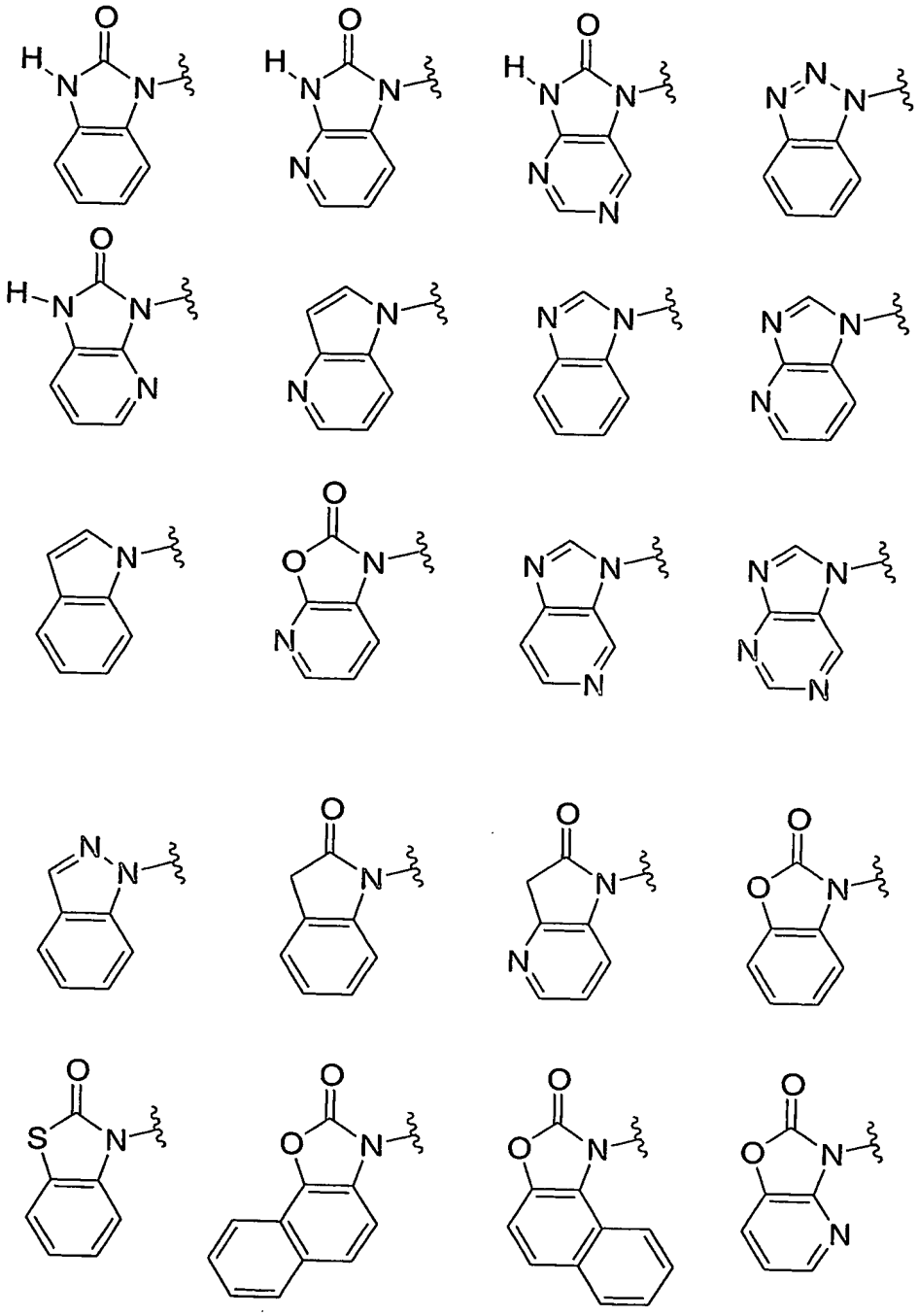
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

6. The compound of Claim 1 of the formula:



and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

7. The compound of Claim 1, wherein B is selected from:



unsubstituted or substituted with 1-5 substituents selected from R^1, R^2, R^{3a} and R^{3b},

and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

8. The compound of Claim 1, wherein B is selected from benzimidazolyl, 2-oxobenzoxazolinyl, 2-oxobenzimidazolinyl, indolyl, 2-oxoindolinyl, 2-oxobenzothiazolinyl, 1,3-dihydro-2*H*-imidazo[4,5-*b*]pyridine-2-one, naphtho[2,1-*d*][1,3]oxazolin-2(3*H*)-one and naphtho[1,2-*d*][1,3]oxazolin-2(1*H*)-one.

9. The compound of Claim 1, wherein R^1, R^2, R^{3a} and R^{3b} are independently selected from:

(1) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
   (a) fluoro,
   (b) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl, piperidinyl, piperazinyl, pyrrolidinyl, thienyl, or morpholinyl,
   (c) -CO_2R^9, wherein R^9 is independently selected from:
      (i) hydrogen, and
      (ii) -C_{1-6}alkyl,
   (d) -$CONR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
      (i) hydrogen, and
      (ii) -C_{1-6}alkyl,

   or where R^{10a} and R^{11a} may be joined together to form a ring selected from azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, and morpholinyl, and
   (e) -O-C_{3-6}cycloalkyl,

(2) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, pyridazinyl, pyrrolidinyl, thiazolyl, isothiazolyl, 2-oxopyrrolidinyl, tetrahydrofuryl, piperidinyl, tetrahydrothienyl, or tetrahydrothiopyranyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
   (a) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-3 fluoro
   (b) halo,

(c) $-CO_2R^9$, wherein R^9 is selected from:
(i) hydrogen,
(ii) $-C_{1-4}$alkyl, and
(iii) $-C_{3-6}$cycloalkyl,
(d) $-(CO)R^9$,
(e) $-CONR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
(i) hydrogen, and
(ii) $-C_{1-6}$alkyl,
or where R^{10a} and R^{11a} may be joined together to form a ring selected from azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, and morpholinyl,
(f) $-O-C_{1-6}$alkyl, which is unsubstituted or substituted with 1-3 fluoro,
(g) hydroxy,
(h) oxo,
(i) $-S-C_{1-4}$alkyl,
(j) $-S(O)-C_{1-4}$alkyl, and
(k) $-SO_2-C_{1-4}$alkyl,

(3) halo,
(4) hydroxy,
(5) $-O-C_{1-6}$alkyl, which is unsubstituted or substituted with 1-3 fluoro,
(6) $-NH_2$,
(7) $-C_{3-6}$cycloalkyl,
(8) $-(CO)-(CO)NR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
(a) hydrogen, and
(b) $-C_{1-6}$alkyl, and
(9) -CN.

10. The compound of Claim 1, wherein R^1 and R^2 are independently selected from:

(1) $-C_{1-4}$alkyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
(a) fluoro,
(b) phenyl,

(c) $-CO_2R^9$, wherein R^9 is independently selected from:
  (i) hydrogen, and
  (ii) $-C_{1-4}$alkyl,
(d) $-CONR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
  (i) hydrogen, and
  (ii) $-C_{1-4}$alkyl,
  or where R^{10a} and R^{11a} may be joined together to form a ring selected from azetidinyl, pyrrolidinyl, piperidinyl, piperazinyl, and morpholinyl, and
(e) $-O-C_{3-6}$cycloalkyl,

(2) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, pyrazinyl, thienyl, pyridazinyl, pyrrolidinyl, thiazolyl, tetrahydrofuryl, piperidinyl, or tetrahydrothienyl, which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:
(a) $-C_{1-4}$alkyl, which is unsubstituted or substituted with 1-3 fluoro
(b) halo,
(c) $-CO_2R^9$, wherein R^9 is selected from:
  (i) hydrogen,
  (ii) $-C_{1-4}$alkyl, and
  (iii) $-C_{3-6}$cycloalkyl,
(d) $-(CO)R^9$,
(e) $-CONR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
  (i) hydrogen, and
  (ii) $-C_{1-4}$alkyl,
(f) $-O-C_{1-4}$alkyl, which is unsubstituted or substituted with 1-3 fluoro,
(g) hydroxy,
(h) oxo
(i) $-S-C_{1-4}$alkyl,
(j) $-S(O)-C_{1-4}$alkyl, and
(k) $-SO_2-C_{1-4}$alkyl,

(3) halo,
(4) hydroxy,

(5) -O-C_{1-4}alkyl, which is unsubstituted or substituted with 1-3 fluoro,
(6) -NH_2,
(7) -C_{3-6}cycloalkyl,
(8) -(CO)-(CO)$NR^{10a}R^{11a}$, wherein R^{10a} and R^{11a} are independently selected from:
(a) hydrogen, and
(b) -C_{1-4}alkyl, and
(9) -CN.

11. The compound of Claim 1, wherein R^{3a} and R^{3b} and the carbon atom(s) to which they are attached are joined together to form a ring selected from piperidinyl, cyclohexenyl, cyclohexyl and pyrrolidinyl, which is unsubstituted or substituted with 1-3 substituents independently selected from:
(a) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-3 substituents independently selected from:
(i) halo, and
(ii) phenyl,
(b) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl and pyrazinyl,
(c) -CO_2R^9, wherein R^9 is selected from:
(i) hydrogen, and
(ii) -C_{1-4}alkyl.

12. The compound of Claim 1, wherein R^{3a} and R^{3b} and the carbon atom(s) to which they are attached are joined together to form a piperidine ring, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:
(a) -C_{1-6}alkyl, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:
(i) fluoro, and
(ii) phenyl,
(b) -CO_2-C_{1-4}alkyl.

13. The compound of Claim 1, wherein R^4 is selected from: hydrogen and -C_{1-6}alkyl, which is unsubstituted or substituted with fluoro.

14. The compound of Claim 1, wherein R^{5a}, R^{5b} and R^{5c} are independently selected from hydrogen, C_{1-6}alkyl and halo.

15. The compound of Claim 1, wherein R^6 is selected from:

(1) hydrogen,

(2) -C_{1-4}alkyl which is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,

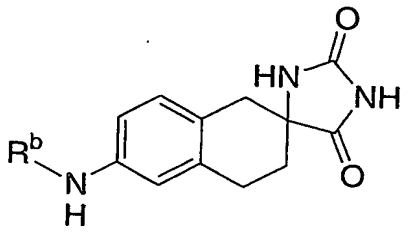
(b) hydroxy,

(c) -C_{3-6}cycloalkyl, and

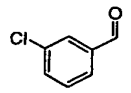
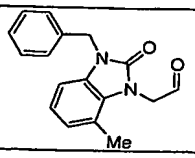
(d) phenyl, and

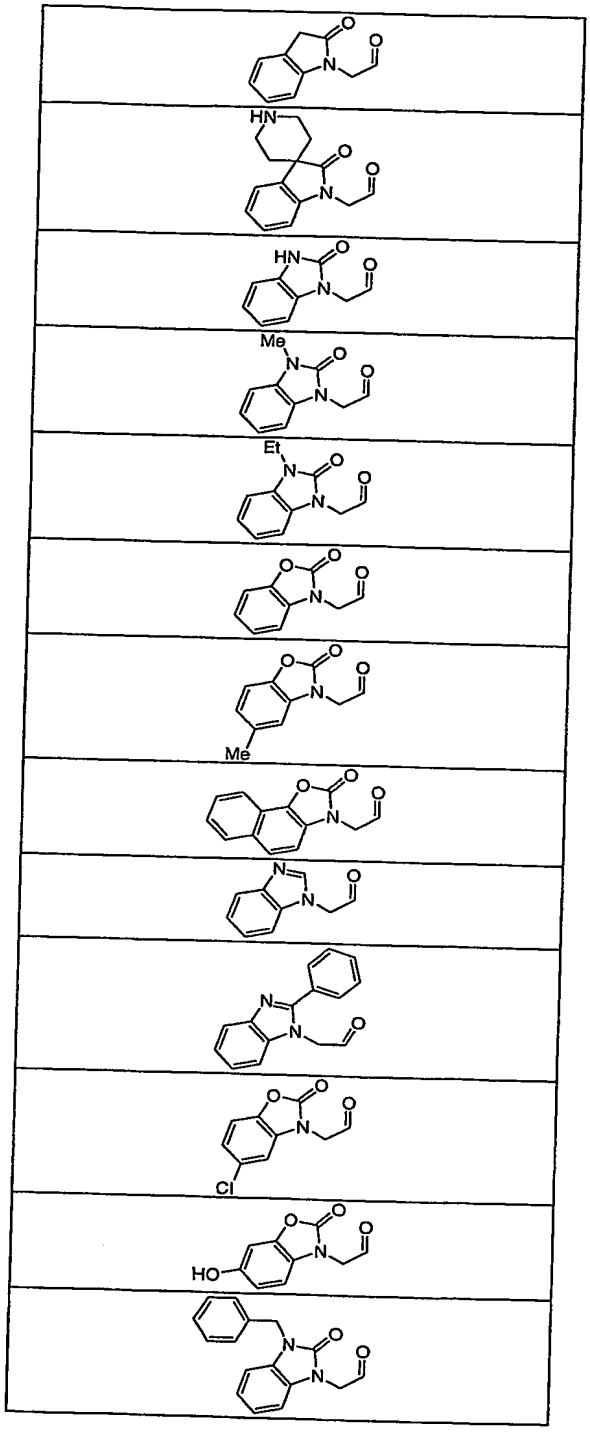
(3) phenyl or heterocycle, wherein heterocycle is selected from: pyridyl, pyrimidinyl, or pyrazinyl.

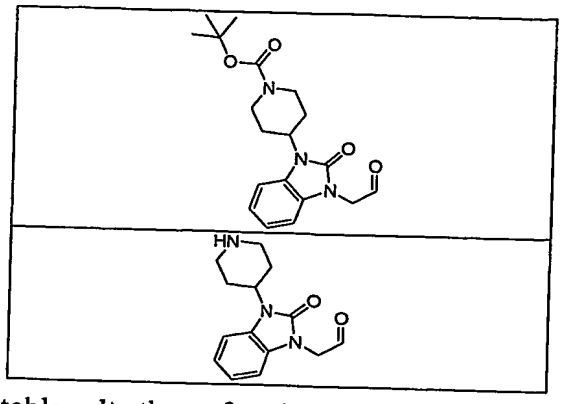
16. A compound of the formula:



wherein R^b is selected from:

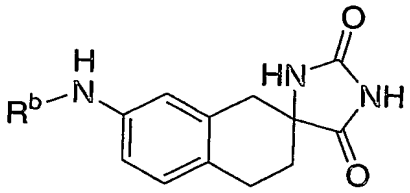
R^b





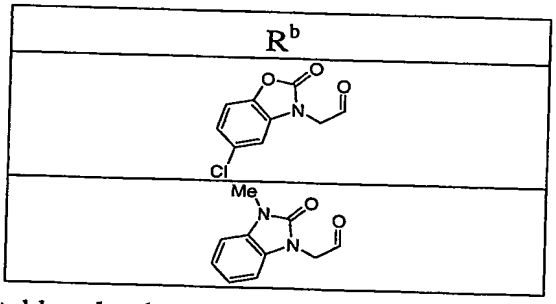


and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

17. A compound of the formula:

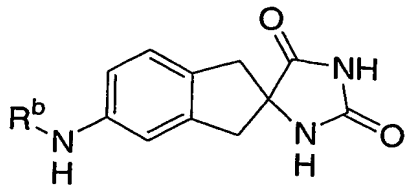


wherein R^b is selected from:

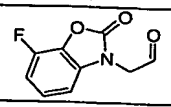
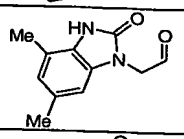
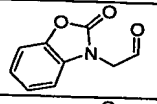
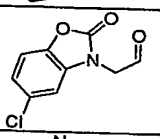
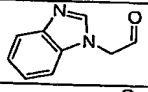
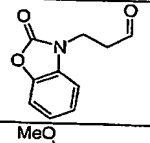
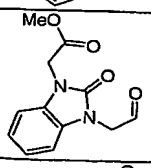
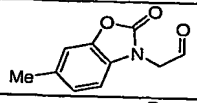
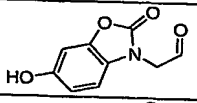
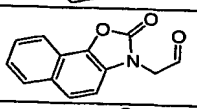
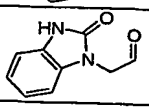


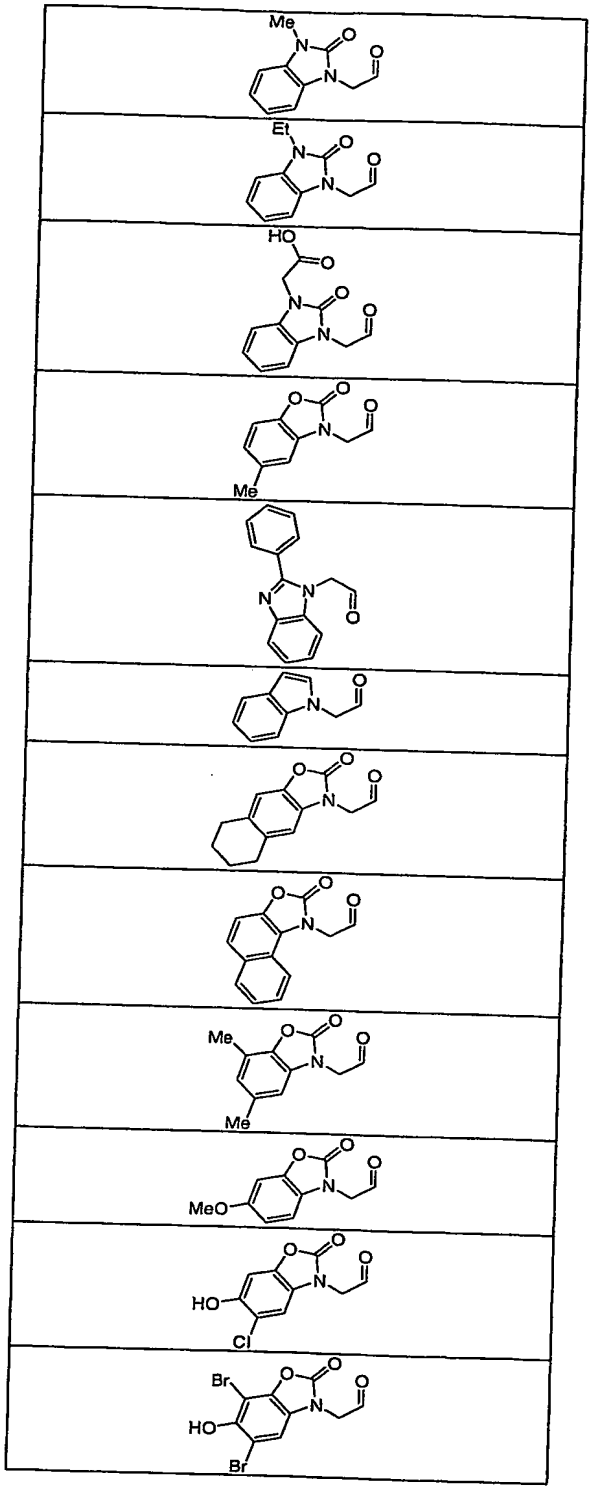
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

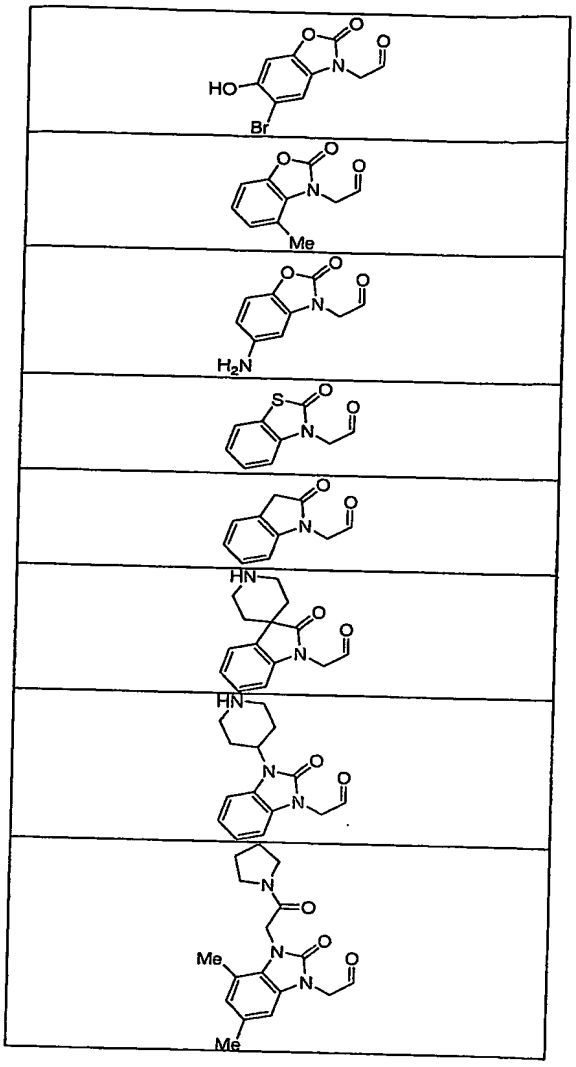
18. A compound of the formula:



wherein R^b is selected from:

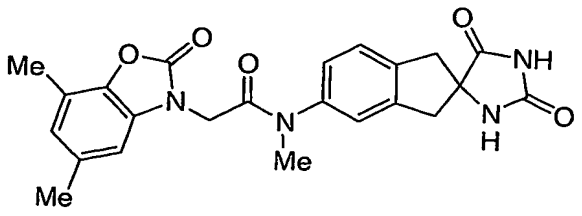
R^b
















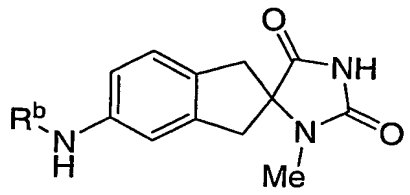
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

19. The compound of the formula:

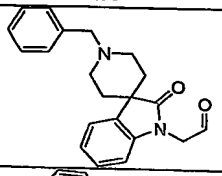
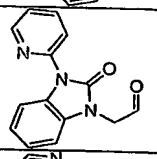
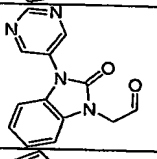
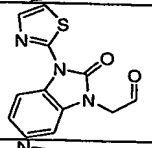
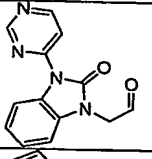
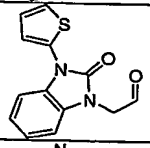
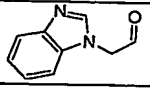


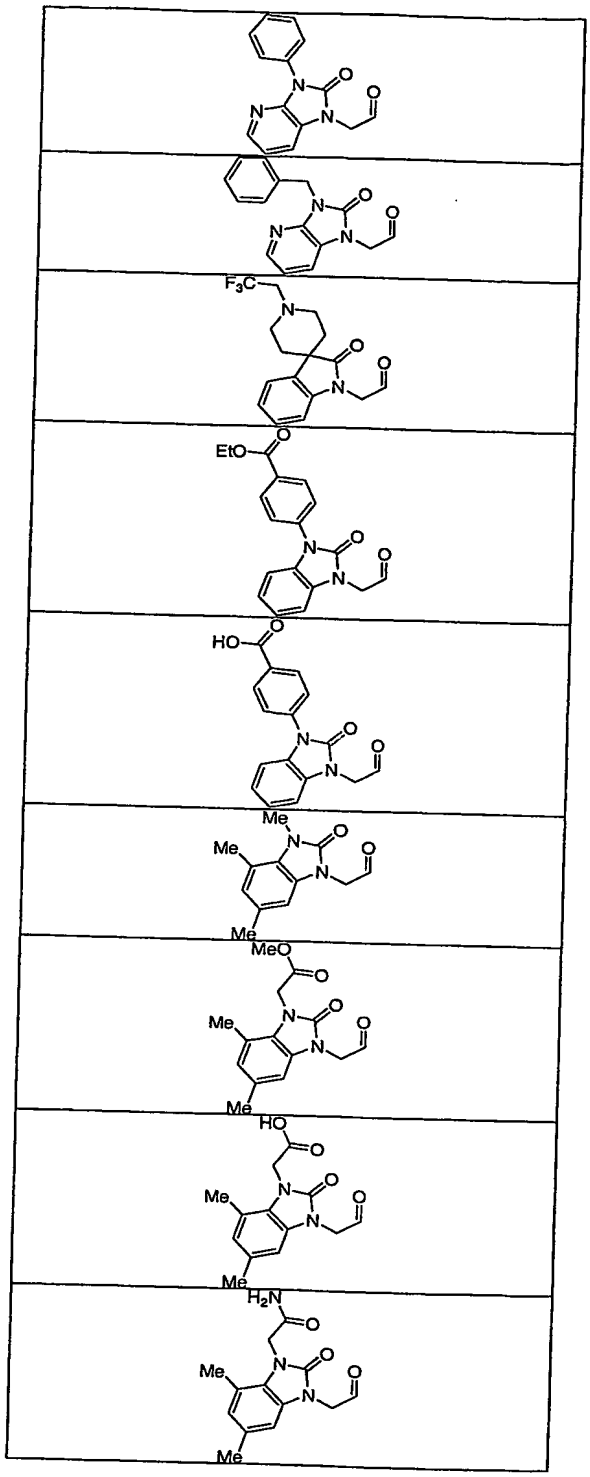
and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

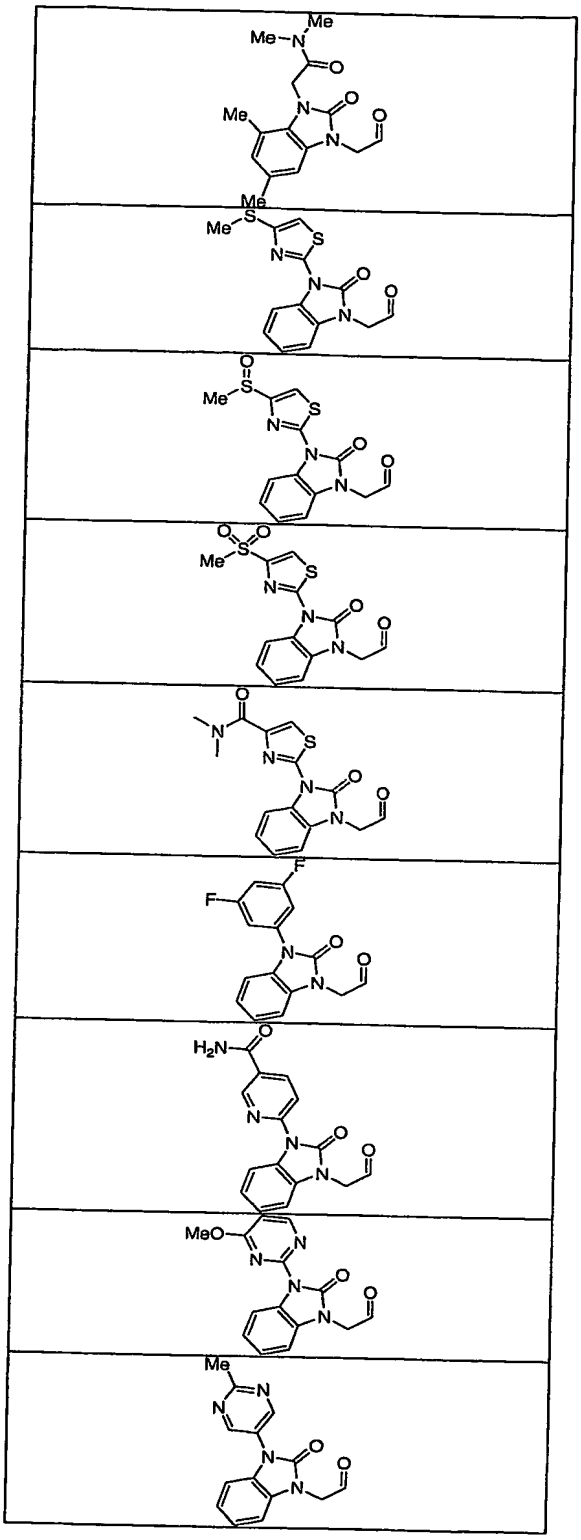
20. A compound of the formula:

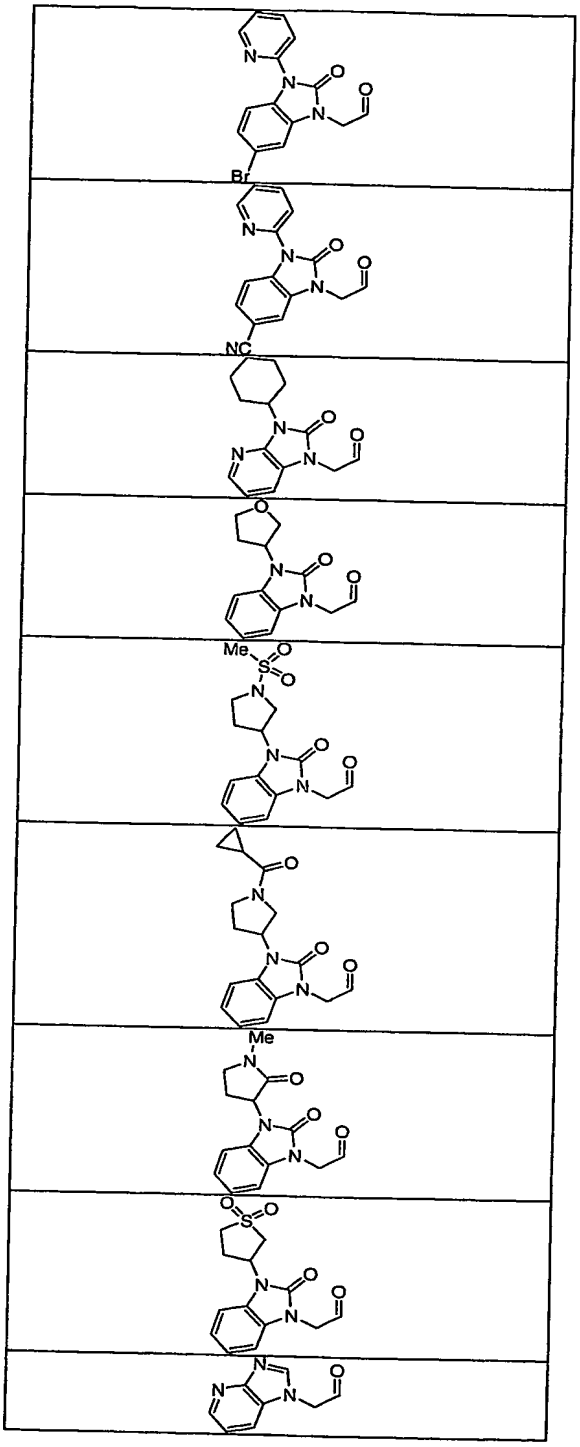


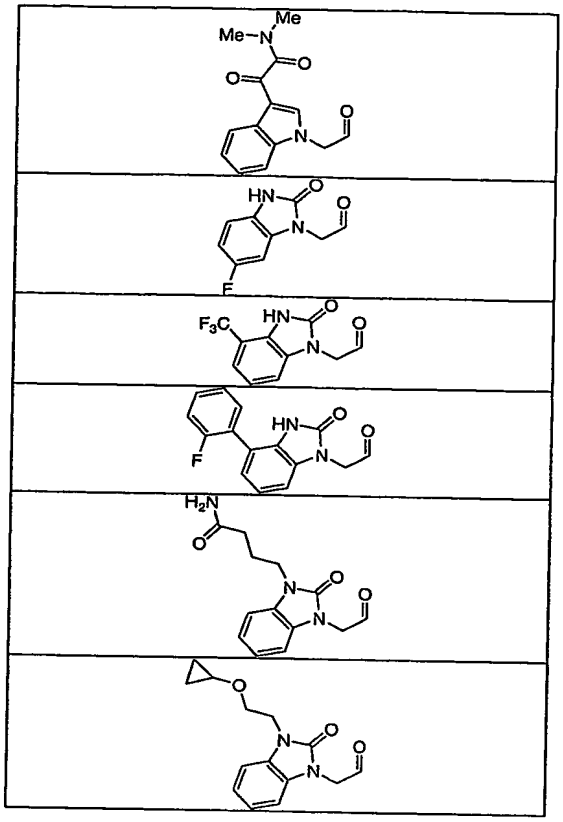
wherein R^b is selected from:

R^b










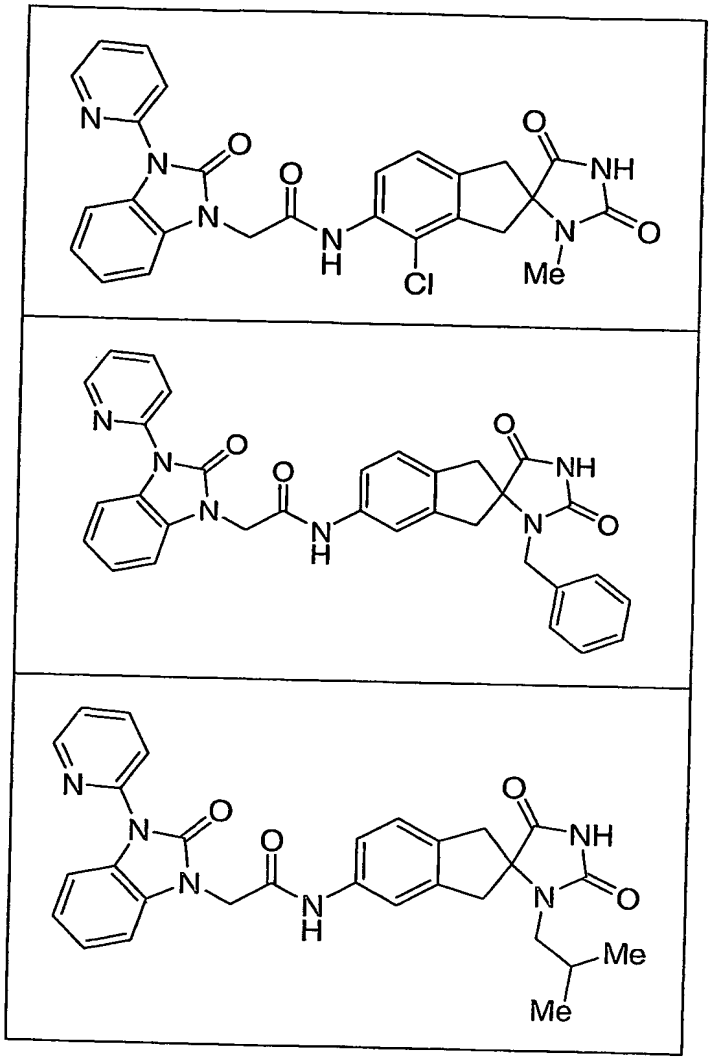






and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

21. A compound selected from:



and pharmaceutically acceptable salts thereof and individual enantiomers and diastereomers thereof.

22. A pharmaceutical composition which comprises an inert carrier and the compound of Claim 1.

23. The use of the compound of Claim 1 for the preparation of a medicament useful in the treatment of headache, migraine or cluster headache.